

## Table ENG-5. - Sanitary Facilities

City of Richmond, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:					
Abell	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage Slope	1.00 0.68
2B:					
Appling	85	Very limited		Somewhat limited	
		Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50	Slope	0.32
3B:					
Appling	85	Very limited		Somewhat limited	
		Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50	Slope	0.32
3C:					
Appling	85	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
		Slope	0.04		
3D:					
Appling	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50		
4C:					
Appling	45	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
		Slope	0.04		
Wedowee	40	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.04	Seepage	0.50

4D:

## Table ENG-5. - Sanitary Facilities - Continued

City of Richmond, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4D:					
Appling	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50		
Wedowee	40	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
5A:					
Atlee	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Seepage	0.50
6A:					
Augusta	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
7B:					
Bourne	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Seepage	1.00
				Slope	0.32
7C:					
Bourne	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Slope	0.04	Seepage	1.00
8C:					
Cecil	85	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
		Slope	0.04		

8D:

# Table ENG-5. - Sanitary Facilities - Continued

City of Richmond, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8D:					
Cecil	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50		
9A:					
Chastain	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	1.00	Seepage	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
Nawney	6	Not Rated		Not Rated	
Johnston	4	Not Rated		Not Rated	
10A:					
Chewacla	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
Chastain	6	Not Rated		Not Rated	
Johnston	4	Not Rated		Not Rated	
11B:					
Colfax	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
Worsham	3	Not Rated		Not Rated	
12C:					
Colfax	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Restricted permeability	0.50	Slope	1.00
		Slope	0.04	Seepage	0.50
Worsham	3	Not Rated		Not Rated	

13A:

# Table ENG-5. - Sanitary Facilities - Continued

City of Richmond, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13A:					
Dogue	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage	1.00
		Flooding	0.40	Flooding	0.40
14A:					
Dunbar	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00		
Pouncey	3	Not Rated		Not Rated	
15B:					
Durham	45	Very limited		Somewhat limited	
		Restricted permeability	1.00	Seepage	0.50
				Slope	0.32
Bourne	40	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Seepage	1.00
				Slope	0.32
16B:					
Edgehill	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	0.32
16C:					
Edgehill	85	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	1.00
		Slope	0.04		
16D:					
Edgehill	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
16E:					

# Table ENG-5. - Sanitary Facilities - Continued

City of Richmond, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
16E:					
Edgehill	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
17B:					
Faceville	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
17C:					
Faceville	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.04	Seepage	0.50
17D:					
Faceville	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
18B:					
Faceville	50	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
Gritney	35	Very limited		Very limited	
		Restricted permeability	1.00	Seepage	1.00
		Depth to saturated zone	1.00	Slope	0.32
				Depth to saturated zone	<0.01
18C:					
Faceville	50	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.04	Seepage	0.50
Gritney	35	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Slope	0.04	Depth to saturated zone	<0.01
19C:					

## Table ENG-5. - Sanitary Facilities - Continued

City of Richmond, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19C:					
Grover	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.04	Seepage	0.50
19D:					
Grover	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
19E:					
Grover	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
20C:					
Grover	50	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.04	Seepage	0.50
Wateree	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	0.04	Seepage	1.00
				Slope	1.00
21A:					
Johnston	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Chastain	5	Not Rated		Not Rated	
Nawney	4	Not Rated		Not Rated	
Tomotley	3	Not Rated		Not Rated	
22B:					
Kempsville	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
				Slope	0.32
23B:					
Kempsville	45	Somewhat limited		Somewhat limited	
		Restricted permeability	0.73	Seepage	0.50
				Slope	0.32

## Table ENG-5. - Sanitary Facilities - Continued

City of Richmond, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23B:					
Bourne	40	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Seepage Slope	1.00 0.32
24B:					
Masada	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage Slope	0.50 0.32
24C:					
Masada	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope Seepage	1.00 0.50
		Slope	0.04		
25B:					
Masada	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage Slope	0.50 0.32
25C:					
Masada	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope Seepage	1.00 0.50
		Slope	0.04		
26A:					
Nawney	75	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
Chastain	6	Not Rated		Not Rated	
Johnston	5	Not Rated		Not Rated	
Tomotley	3	Not Rated		Not Rated	
27B:					
Norfolk	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage Slope	0.50 0.08
		Depth to saturated zone	0.40		
28B:					

# Table ENG-5. - Sanitary Facilities - Continued

City of Richmond, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
28B:					
Orangeburg	50	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
				Slope	0.32
Faceville	35	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
28C:					
Orangeburg	50	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
		Slope	0.04	Slope	1.00
Faceville	35	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.04	Seepage	0.50
29B:					
Pouncey	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	0.40
Worsham	3	Not Rated		Not Rated	
30A:					
Riverview	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	0.50	Seepage	1.00
		Depth to saturated zone	0.43		
Chewacla	3	Not Rated		Not Rated	
31A:					
Roanoke	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
32A:					



# Table ENG-5. - Sanitary Facilities - Continued

City of Richmond, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
32A:					
Roanoke	40	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
Chewacla	35	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
33B:					
Slagle	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage	1.00
				Slope	0.32
34B:					
Tetotum	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	0.32
35A:					
Toccoa	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Seepage	1.00
				Depth to saturated zone	0.92
36A:					
Tomotley	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.68	Seepage	0.50
37B:					
Turbeville	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
37C:					

**Table ENG-5. - Sanitary Facilities - Continued**

City of Richmond, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
37C:					
Turbeville	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.04	Seepage	0.50
38B:					
Turbeville	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
38C:					
Turbeville	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.04	Seepage	0.50
39:					
Udorthents	85	Not Rated		Not Rated	
40:					
Udorthents	45	Not Rated		Not Rated	
Dumps	40	Not Rated		Not Rated	
41:					
Urban land	85	Not Rated		Not Rated	
42A:					
Varina	85	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.71
		Depth to saturated zone	1.00	Seepage	0.50
43C:					
Wateree	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
				Seepage	1.00
				Slope	1.00
43D:					
Wateree	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
44E:					

# Table ENG-5. - Sanitary Facilities - Continued

City of Richmond, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
44E:					
Wateree	55	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Appling	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50		
45F:					
Wateree	55	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Appling	35	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50		
Rock outcrop	10	Not Rated		Not Rated	
46E:					
Wedowee	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
47A:					
Worsham	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		
Pouncey	3	Not Rated		Not Rated	
W:					
Water	100	Not Rated		Not Rated	